## EAST Search History

| Ref #    | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|-------|--|---|---------------------|---------|---------------------|
| L1       | 0     | 713/166.pn. or<br>713/176.pn. or<br>713/177.pn. or<br>713/180.pn. or<br>726/21.pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/12/25<br>18:10 |
| L2       | 6492  | 713/166 or 713/176<br>or 713/177 or<br>713/180 or 726/21   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/12/25<br>18:11 |
| Tank     | 98095 | (extract\$3 or produc<br>\$3 or remov\$3 or<br>obtain\$3 or deriv\$3<br>or acquir\$3) with<br>(characteristic or<br>feature or value or<br>number or medians<br>or slant or line or<br>lemgth or shape or<br>letter) with (image or<br>data or file).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/12/25<br>18:11 |
| L4       | 625   | 2 and 3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/12/25<br>18:12 |
| <u>5</u> | 27    | (extract\$3 or remov<br>\$3 or captur\$3 or<br>obtain\$3 or acquir<br>\$3) with<br>(characteristic or<br>region or feature or<br>value or shape or<br>number or line or<br>image or data) with<br>(image or data or<br>file) same (append\$3<br>or embedd\$3 or<br>attach\$3 or add\$3 or<br>incorporat\$3) with<br>(identif\$4 or<br>signature) same<br>(certificat\$2 or certif<br>\$4).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/12/25<br>18:12 |

| L6  | 11   | 2 and 5   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:12 |
|-----|------|---|---|-----|----|---------------------|
| L7  | 188  | (append\$3 or embed<br>\$4 or add\$3 or<br>incorporat\$3) with<br>((encrypt\$3 or<br>encipher\$3 or cipher<br>\$3) and identifier).<br>clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:14 |
| L8  | 26   | 2 and 7   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:14 |
| L9  | 9    | (record\$3 or web or database or stor\$3 or memory) same (signature or certificat \$3) same (plural\$4 or numer\$4 or vari\$3 or severa\$3 or more) same (field or region or area or form) same (visibl\$3 or visual\$3).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:14 |
| L10 | 0    | 2 and 9   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:15 |
| L11 | 2009 | 713/155   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:26 |
| L12 | 10   | 11 and (9 or 7 or 5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/25<br>18:26 |

| S1         | 547797 | (extract\$3 or produc<br>\$3 or remov\$3 or<br>obtain\$3 or deriv\$3<br>or acquir\$3) with<br>(characteristic or<br>feature or value or<br>number or medians<br>or slant or line or<br>lemgth or shape or<br>letter) with (image or<br>data or file) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>13:21 |
|------------|--------|--|---|-----|----|---------------------|
| 8          | 243    | (encrypt\$3 or encipher\$3 or cipher \$3) with (characteristic or feature or value or number or medians or slant or line or lemgth or shape or letter) with (image or data or file) same (public key or private key) with identif\$4                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>12:21 |
| S3         | 1701   | (append\$3 or embed<br>\$4 or add\$3 or<br>incorporat\$3) with<br>((encrypt\$3 or<br>encipher\$3 or cipher<br>\$3) and identifier)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>13:32 |
| S4         | 5488   | (judg\$3 or compar\$3<br>or match\$3 or<br>coincide or agree)<br>with (encrypt\$3 or<br>encipher\$3 or cipher<br>\$3) same (decrypt\$3<br>or decipher\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>12:31 |
| <b>S</b> 5 | 46     | S1 same S2   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>12:31 |
| 96         | 427212 | (extract\$3 or remov<br>\$3 or obtain\$3 or<br>deriv\$3 or acquir\$3)<br>with (characteristic<br>or feature or value or<br>number or medians<br>or slant or line or<br>lemgth or shape or<br>letter) with (image or<br>data or file)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>13:22 |

| S7  | 46     | S2 and S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>13:22 |
|-----|--------|---|---|-----|----|---------------------|
| S8  | 171    | S6 and S3 and S4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>14:26 |
| S9  | 219145 | (extract\$3 or obtain<br>\$3 or remov\$3 or<br>deriv\$3or acquir\$)<br>with (characteristic<br>or value or shape or<br>length or line or<br>data) with image  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>14:30 |
| S10 | 52     | S1 and ((characteristic or value or shape or length or line or data) with image with (encrypt\$3 or encipher\$3) with (characteristic or value or shape or length or line or data) with encrypt\$3 key with identif\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>15:01 |
| S11 | 72     | S1 and ((characteristic or value or shape or length or line or data) with image with (encrypt\$3 or encipher\$3) with (characteristic or value or shape or length or line or data) with encrypt\$3 key with (digital signature or certificat \$3 or watermark or identif\$4)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>16:27 |

| S12 | 8   | "7075571".pn. or<br>"6907528".pn. or<br>"5864622".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/30<br>08:19 |
|-----|-----|---|---|-----|----|---------------------|
| S13 | 442 | (embedd\$3 or append\$3 or incorporat\$3 or attach\$3 or add\$3) with (identifier or digital signaure or certificat\$3 or signature) with (encrypt\$3 or encipher\$3) near (data or image or file or meta data)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>17:13 |
| S14 | 29  | (compar\$3 or judg\$3 or discriminat\$3 or match\$3 or coincid \$3) with ((encrypt\$3 or encipher\$3 or cipher\$3) near (data or file or image or value or characteristic or feature)) with (decrypt\$3 or decipher\$3) with display\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>16:43 |
| S15 | 50  | S13 and ((encrypt\$3 or encipher\$3 or cipher\$3) near (data or image or file or meta data) with (compar\$3 or judg\$3 or discriminat\$3 or match\$3 or coincid \$3) with (decrypt\$3 or decipher\$3))                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>17:15 |
| S16 | 1   | (certif\$3 or certificat<br>\$3) with image with<br>verif\$3 with encrypt<br>\$3 data with (append<br>\$3 or add\$3 or<br>embedd\$3 or<br>incorporat\$3 or<br>attach\$3) with<br>(identif\$4 or<br>signature)                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>18:09 |

| S17  | 1   | (certif\$3 or certificat<br>\$3) with image with<br>(verif\$3 or<br>authenticat\$3 or valid<br>\$5) with encrypt\$3<br>data with (append\$3<br>or add\$3 or embedd<br>\$3 or incorporat\$3 or<br>attach\$3) with<br>(identif\$4 or<br>signature)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>18:10 |
|------|-----|--|---|-----|----|---------------------|
| S18  | 1   | (certif\$3 or certificat<br>\$3) with image with<br>encrypt\$3 data with<br>(append\$3 or add\$3<br>or embedd\$3 or<br>incorporat\$3 or<br>attach\$3) with<br>(identif\$4 or<br>signature)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>18:10 |
| S19  | 7   | image with encrypt<br>\$3 data with (append<br>\$3 or add\$3 or<br>embedd\$3 or<br>incorporat\$3 or<br>attach\$3) with<br>(identif\$4 or<br>signature)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>18:13 |
| \$20 | 45  | image with (encrypt<br>\$3 or encipher\$3 or<br>cipher\$3) near ((data<br>or file or image or<br>metadata)) with<br>(append\$3 or add\$3<br>or embedd\$3 or<br>incorporat\$3 or<br>attach\$3) with<br>(identif\$4 or<br>signature)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/29<br>18:14 |
| S21  | 195 | (extract\$3 or remov<br>\$3 or captur\$3 or<br>obtain\$3 or acquir<br>\$3) with<br>(characteristic or<br>region or feature or<br>value or shape or<br>number or line or<br>image or data) with<br>(image or data or<br>file) same (append\$3<br>or embedd\$3 or<br>attach\$3 or add\$3 or<br>incorporat\$3) with | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/30<br>08:28 |

|     |      | (identif\$4 or<br>signature) same<br>(certificat\$2 or certif<br>\$4)   |   |     |    |                     |
|-----|------|---|---|-----|----|---------------------|
| S22 | 16   | S21 and ((append\$3 or embedd\$3 or attach\$3 or add\$3 or incorporat\$3) with (identif\$4 or signature) same (certificat\$2 or certif \$4) with (judg\$3 or coincid\$3 or compar \$3 or match\$3 or discriminat\$3 or aggr \$3) with (decrypt\$3 or decipher\$3 or cipher\$3 or encrypt \$3 or encrypt \$3 or encrypt \$3 or encrypt | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/30<br>08:46 |
| S23 | 3    | S21 and ((append\$3 or embedd\$3 or attach\$3 or add\$3 or incorporat\$3) with (identif\$4 or signature) same (certificat\$2 or certif \$4) with (judg\$3 or coincid\$3 or compar \$3 or match\$3 or discriminat\$3 or aggr \$3) with (decrypt\$3 or decipher\$3 or encrypt \$3 or encipher\$3)) not \$22                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/10/30<br>08:47 |
| S24 | 505  | \$3) same (plural\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/05/21<br>08:44 |
| S25 | 5748 | 713/176 or 713/177<br>or 713/180 or<br>713/166 or 726/21  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/05/21<br>08:47 |

| S26  | 22 | S24 and S25  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/05/21<br>08:47 |
|------|----|--|---|-----|----|---------------------|
| S27  | 11 | (record\$3 or web or database or stor\$3 or memory) same (signature or certificat \$3) same (tamper\$3 near7 resistant) same (field or region or area or form) same (visibl\$3 or visual\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/05/21<br>09:27 |
| \$28 | 33 | (record\$3 or web or database or stor\$3 or memory) same (signature or certificat \$3) same (tamper \$3) same (field or region or area or form) same (visibl\$3 or visual\$3)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/05/21<br>09:33 |

12/25/2008 6:39:32 PM C:\ Documents and Settings\ ftraore\ My Documents\ EAST\ Workspaces \ 10520717\_FalseAlterationSignature.wsp